10/50/455 IAP11 Rec'd PCT/PTO 26 JUL 2006

TS1407US CML:BAF

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail EV327119537US in an envelope addressed to Commissioner for Patents, Mail Stop PCT, Alexandria, VA 22313-1450 on or before the date shown below.

Barbara A. Fisher Date: July 26, 2006

THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re PCT International Application of |) | |
|--|----------------|-------------|
| |) | |
| BOER, Anne, et al. |) | |
| Int. Apple No. : DCT/ED2005/050240 | · · | |
| Int. Appln No.: PCT/EP2005/050340 |) | |
| Intl. Filing Date: 27 January 2005 | <i>)</i> | |
| I mang 2 wo. 27 out.out. J = 000 | j – | |
| HEAT-EXCHANGER FOR CARRYING OUT AT | Ŋ [^] | |
| EXOTHERMIC REACTION |) Ju | ly 26, 2006 |

COMMISSIONER FOR PATENTS Mail Stop PCT (DO/EO/US) Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56 AND 1.97

Dear Sir:

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein.

The Examiner is requested to fully consider this information and to indicate consideration on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant(s).

Respectfully submitted,

BOER, Anne, et al.

P.O. Box 2463

Houston, Texas 77252-2463

Craig M. Lundell

Attorney

Reg. No. 30,284

(713) 241-2475 telephone (713) 241-6617 facsimile

EXAMINER

AP11 Record CT/PTO 26 JUL 2006

FORM PTO-1449 (Modified)

ATTY. DOCKET NO. TS1407 APPLICATION NUMBER

LIST OF INFORMATION PROVIDED BY APPLICANT

APPLICANT

BOER, Anne, et al.

(Use several sheets if necessary)

FILING DATE
January 28, 2004

GROUP ART UNIT

| | | | | January 28, 2004 | | - | | |
|---------------------|-----|------------------|--------------|--------------------------------------|---------------------|------------|----------------------------|--|
| REFERENCE | DES | IGNATION | U.S. P | PATENT DOCUMENTS | | | * | |
| Examiner Initial | | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate | |
| | AA | 4060127 | 11/29/77 | Nikolai Ivanovich Savin, et al | 165 • _ - | 145 | 4/15/75 | |
| | AB | 3870099 | 3/11/75 | Walter Wolowodiuk | 165 | 82 | 5/19/72 | |
| | AC | 3656543 | 4/18/72 | Walter Wolowodiuk, et al | 165 | 74 | 5/25/70 | |
| | AD | 5527473 | 6/18/96 | Carl D. Ackerman | 210 | 767 | 1/9/95 | |
| | ĄE | 6344490 | 2/5/02 | Charles W. DeGeorge, et al | 518 | 700 | 1/22/99 | |
| | AF | 2003/0087970 | 5/8/03 | Robert Jay Wittenbrink, et al | 518 | 728 | 11/6/01 | |
| , | AG | 2003/0057132 | 3/27/03 | Robert Jay Wittenbrink, et | 208 | 24 | 8/23/02 | |
| | AH | | | | | | | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | | | | | |
| | | L | FOREIGN | PATENT DOCUMENTS | | | | |
| | | Document No. | Date | Country | Class | Subclass | Translation Yes No | |
| | AL | 98/37168 | 8/27/98 | wo | C10G | 45/16 | | |
| | AM | 96/26003 | 8/29/96 | WO | в01Ј | 8/24 | | |
| | AN | 02/22249 | 3/21/02 | WO | B01J | 8/08 | | |
| | AO | 00/66257 | 11/9/00 | WO | B01J | 8/24 | | |
| | OT | HER DOCUMENTS (I | NCLUDING AUT | HOR, TITLE, DATE, | PERTINEN | T PAGES, E | rc.) | |
| | AR | | | | - | | | |
| | AS | | | | | | | |
| | AT | | | | | | | |

DATE CONSIDERED

| Shee | τ | 2 | of | 2 |
|------|---|---|----|---|

FORM PTO-1449 (Modified)

APPLICANT

BOER; Anne, et al.

BY APPLICANT (Use several sheets if necessary)

LIST OF INFORMATION PROVIDED

FILING DATE January 28 2004 GROUP ART UNIT

| | | | | Junuary 20, 2001 | <u>i</u> | | | | |
|---------------------|-----|-------------------|-------------|--------------------|-----------|----------|------------------------|-------|--|
| REFERENCE | DES | IGNATION | U.S. | PATENT DOCUMENTS | | | | | |
| Examiner Initial | | Document No. | Date | Patentee | Class | Subclass | Filing Da Appropria | te if | |
| ,,, | AA | | | | | | | | |
| | AB | | | | | | | | |
| | AC | | | | | | | | |
| | AD | | | | | | | | |
| | AE | | | | | | | | |
| | AF | | | | | | | | |
| | AG | | | | | | | | |
| | AH | | | | | | | | |
| | AI | | | | | | | | |
| | AJ | | | | | | | | |
| | AK | | | | | | | | |
| | | | FOREIG | PATENT DOCUMENTS | | | | | |
| | | Document No. | Date | Country | Class | Subclass | Translation Yes No | | |
| | AL | 787,123 | 12/4/57 | GB | B01J | | | | |
| | AM | | | | | | | | |
| | AN | | | | | | | | |
| | AO | | | | | | | | |
| | OT | HER DOCUMENTS (IN | CLUDING AUT | THOR, TITLE, DATE, | PERTINENT | PAGES, E | rc.) | | |
| | AR | | | | | | | | |
| | AS | | | | | | | | |
| | АТ | | | | | | | | |
| EXAMINER | L | <u> </u> | | DATE CONSIDERED | | | | | |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

The attached cited information should not be construed as an admission that any of the above items are prior